

Title (en)

Monoclonal antibodies for small organic molecules.

Title (de)

Monoklonale Antikörpern gegen kleine organische Molekylen.

Title (fr)

Anticorps monoclonaux contre des petites molécules organiques.

Publication

EP 0589487 A1 19940330 (EN)

Application

EP 93116126 A 19900314

Priority

US 32439289 A 19890314

Abstract (en)

The present invention is directed to monoclonal antibodies and fragments thereof for immunoreaction with organic compounds having a molecular size of no more than about 15 atoms in length and being a linear or branched aliphatic molecule or a small peptide. The invention is as well directed to hybridomas which produce the monoclonal antibodies, to immunogen compounds of the organic compound which cause development of the appropriate mammalian antibody response and to methods for producing antibody fragments. The invention is further directed to methods for detecting, removing, adding or neutralizing the organic compounds in biological and inanimate systems through the use of the monoclonal antibodies or fragments thereof.

IPC 1-7

C12P 21/08; **C12N 5/16**; **G01N 33/53**; **G01N 33/84**; **C07K 15/28**

IPC 8 full level

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CPC (source: EP US)

C07K 16/44 (2013.01 - EP US); **G01N 33/5308** (2013.01 - EP US); **G01N 33/54353** (2013.01 - EP US); **G01N 33/68** (2013.01 - EP US); **G01N 33/84** (2013.01 - EP US); **C07K 2317/55** (2013.01 - EP US)

Citation (search report)

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